

FIRE DANGER POCKET CARD 2015
Central Washington Interagency Dispatch Center

Version 7/7/15



*All stations on this card comply with NWCG weather standards.

*2015 ERC trace does not include today's forecast ERC values

FIRE DANGER INTERPRETATION			
Adjective	Staffing Level	Dispatch Level	Historic Large Fire Occurrence
Extreme	5	3	60%
Very High	4	2	30%
High	3	1	10%
Moderate	2		0%
Low	1		0%
Maximum	Highest Energy Release Component by day		
Average	Mean Energy Release Component by day		
90th Percentile	Only 10% of days had an Energy Release Component above this level		
Large Fire	A fire with a final size >100 acres		

REMEMBER - what Fire Danger tells you:

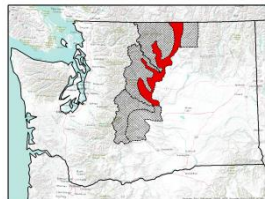
- ERC gives seasonal trends calculated from 1400 temp and RH, daily temp and RH min and max, and daily precip duration
- Wind is NOT part of the ERC calculation
- Pay attention to local conditions and variations across the landscape; Fuel, Weather, Topography
- Listen to weather forecasts, especially WIND
- Fire Danger is calculated for the lowest and driest part of the zone (worst case)

LOCAL THRESHOLDS - historically large fires have occurred under the following conditions:

- Relative Humidity <25
- Temperature >80
- 10-hour fuel moisture <7
- 1000-hour fuel moisture <10

WATCH OUT - when dry fuels are combined with any of the following:

- Alignment of Wind and Slope
- Haines Index 5 or 6
- Strong Winds combined with Low Relative Humidity, including Dry Cold Front passage



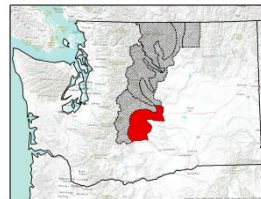
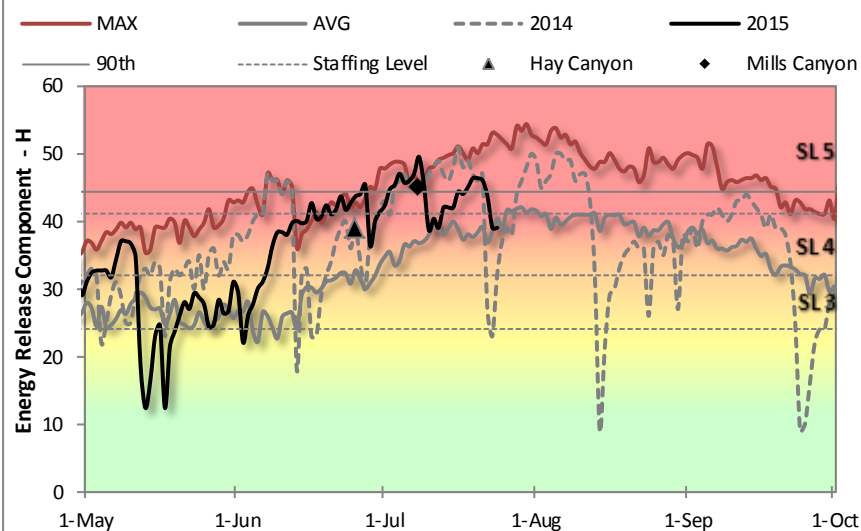
OKANOGAN & CHELAN VALLEYS FIRE DANGER RATING AREA

Description: Chelan and Okanogan County grass, grass-shrub, and xeric timber in the Okanogan & Columbia River foothills; includes lower portions of major tributaries such as the Methow, Chelan, Entiat, and Wenatchee.

Stations: EntiatV, NCSB, Camp4

Weather Zones: 684 (53%), 677 (47%)

Fire Danger - Okanogan & Chelan Valleys (1998-2014)



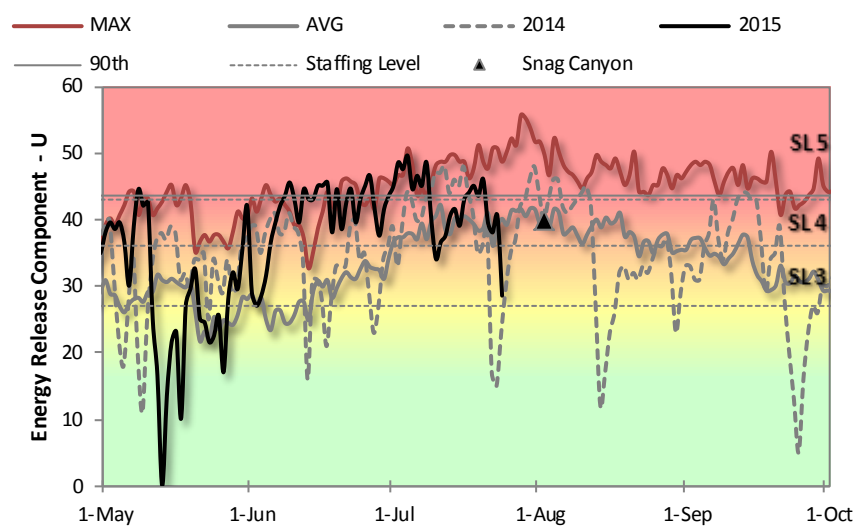
KITTITAS & YAKIMA VALLEYS FIRE DANGER RATING AREA

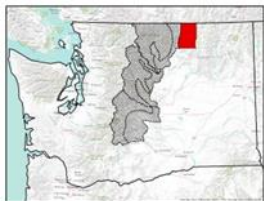
Description: Kittitas and Yakima County grass-shrub, grass, and xeric timber in the Columbia River foothills; includes lower portions of major tributaries such as the Yakima, American, and Tieton.

Stations: Saddle Mountain, Swauk

Weather Zone: 676

Fire Danger - Kittitas & Yakima Valleys (2002-2014)





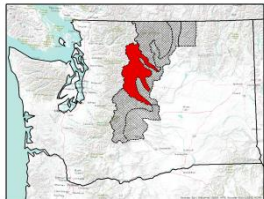
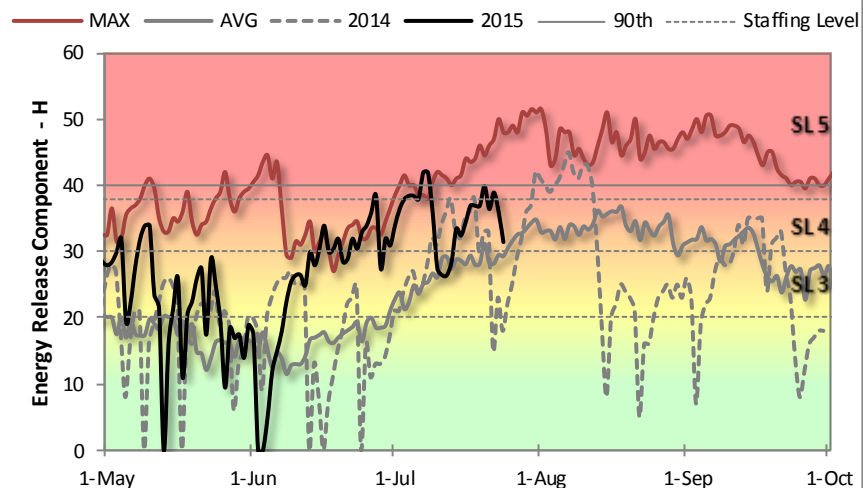
OKANOGAN MOUNTAINS EAST FIRE DANGER RATING AREA

Description: Western Okanogan Highland timber east of the Okanogan River in Okanogan County.

Stations: Peony, Lost Lake

Weather Zone: 687

Fire Danger - Okanogan Mountains East (1998-2014)



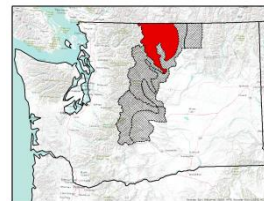
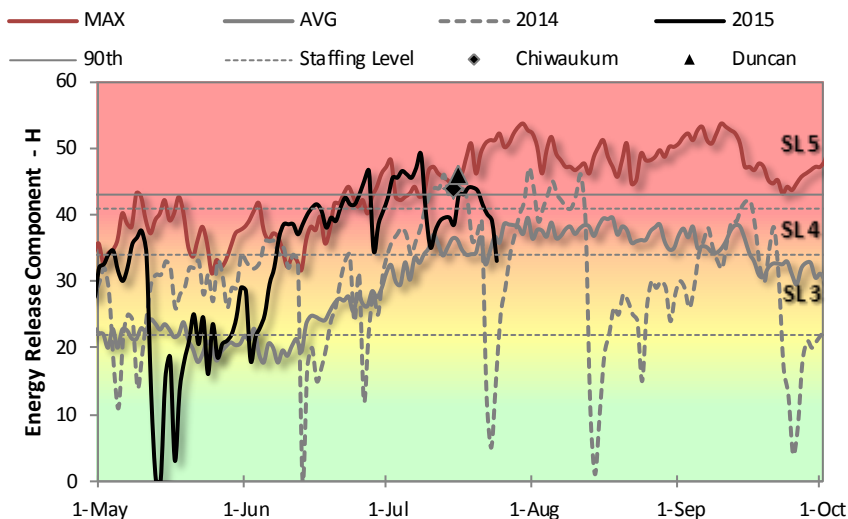
CHELAN MOUNTAINS FIRE DANGER RATING AREA

Description: Chelan County East Slope Cascade timber extending from the Cascade Crest downslope to the point where timber cover becomes limited by moisture/aspect.

Stations: Douglas-Ingram, Dry Creek

Weather Zones: 682 (80%), 662 (10%), 685 (10%)

Fire Danger - Chelan Mountains (1998-2014)



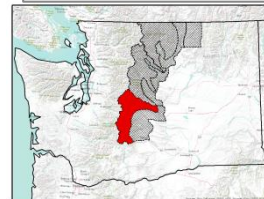
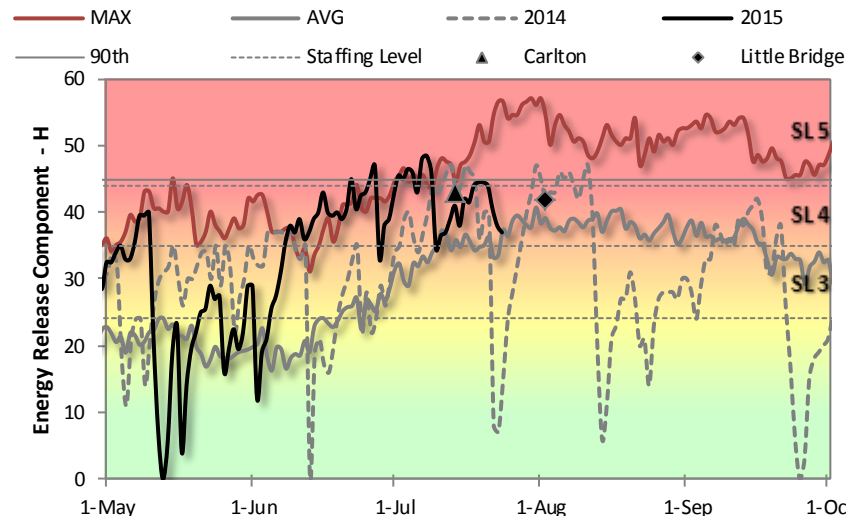
OKANOGAN MOUNTAINS WEST FIRE DANGER RATING AREA

Description: Okanogan County East Slope Cascade timber extending from the Cascade Crest downslope to the point where timber cover becomes limited by moisture/aspect.

Stations: First Butte, Douglas-Ingram Ridge

Weather Zone: 685

Fire Danger - Okanogan Mountains West (1998-2014)



KITTITAS & YAKIMA MOUNTAINS FIRE DANGER RATING AREA

Description: Kittitas and Yakima County East Slope Cascade timber extending from the Cascade Crest downslope to the point where timber cover becomes limited by moisture/aspect.

Stations: Swauk, Peoh Point, Sedge Ridge

Weather Zones: 680 (55%), 682 (45%)

Fire Danger - Kittitas & Yakima Mountains (1998-2014)

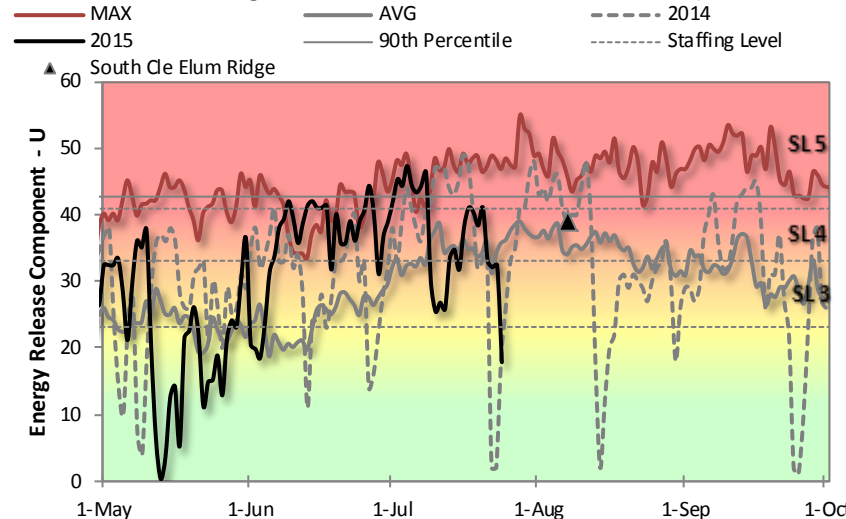


Table 1: STATION OBSERVATIONS

FDRA or STATION	O-DATE	T	RH	W-DIR	W-SPD	T-MAX	T-MIN	RH-MAX	RH-MIN	P-DUR	P-AMT
OKANOGAN MTS EAST	07/25/2015	69	40	172	4	75	52	89	30	0.0	0.00
LOST LAKE		68	39	260	4	74	53	85	31	0.0	0.00
PEONY_SEED ORCHARD		69	40	83	4	76	51	93	29	0.0	0.00
OKANOGAN MTS WEST	07/25/2015	64	35	233	7	74	54	70	29	0.0	0.00
DOUGLAS INGRAM RIDGE		65	34	213	10	79	59	58	22	0.0	0.00
FIRST BUTTE		62	35	253	3	68	49	82	35	0.0	0.00
CHELAN MTS	07/25/2015	61	46	277	11	73	57	69	34	0.0	0.00
DOUGLAS INGRAM RIDGE		65	34	213	10	79	59	58	22	0.0	0.00
DRY CREEK		57	58	341	11	67	54	79	45	0.0	0.00
KITTITAS YAKIMA MTS	07/25/2015	56	65	250	6	72	52	88	36	0.3	0.00
PEOH POINT LO		52	76	277	5	70	49	100	36	1.0	0.01
SEDGE RIDGE		57	64	308	8	71	54	76	39	0.0	0.00
SWAUK		59	56	164	5	75	54	88	32	0.0	0.00
CHELAN OKANOGAN VLYS	07/25/2015	73	30	286	6	84	62	63	27	0.0	0.00
CAMP 4		67	36	265	4	77	60	59	35	0.0	0.00
NCSB		77	22	294	6	85	60	73	22	0.0	0.00
ENTIAT V		74	31	300	8	90	67	56	24	0.0	0.00
KITTITAS YAKIMA VLYS	07/25/2015	70	46	130	10	84	60	78	24	0.0	0.00
SADDLE MOUNTAIN		81	35	96	15	92	65	67	16	0.0	0.00
SWAUK		59	56	164	5	75	54	88	32	0.0	0.00

Table 2: POINT FORECAST

FDRA	F-DATE	SOW	T	RH	W-DIR	W-SPD	10-HR	DUR-1	DUR-2	LAL
OKANOGAN MTS EAST	07/26/2015	3	65	42	237	4	0	2	3	2
OKANOGAN MTS WEST	07/26/2015	5	62	38	214	7	0	0	2	2
CHELAN MTS	07/26/2015	2	63	42	259	8	0	0	0	2
KITTITAS YAKIMA MTS	07/26/2015	2	61	47	285	7	0	0	0	1
CHELAN OKANOGAN VLYS	07/26/2015	2	75	30	259	6	0	0	2	2
KITTITAS YAKIMA VLYS	07/26/2015	2	71	35	271	9	0	0	0	2

Table 3: NFDRS OBSERVATIONS (*PV & IFPL Calculated Based On NFDR Fuel Model C)

FDRA or STATION	O-DATE	10-HR	100-HR	1000-HR	LH-FM	LW-FM	IC	SC	EC	BI	PV*	IFPL*
OKANOGAN MTS EAST	7/25/15	8	9	9	8	62	14	1	32	18	0.3	1
LOST LAKE		8	8	8	8	63	14	1	33	18	0.4	1
PEONY_SEED ORCHARD		8	9	10	8	60	14	1	30	17	0.3	1
OKANOGAN MTS WEST	7/25/15	7	7	7	7	70	20	3	37	25	1.3	1
DOUGLAS INGRAM RIDGE		7	6	6	7	70	25	4	39	30	2.1	2
FIRST BUTTE		7	8	8	7	70	15	2	35	19	0.6	1
CHELAN MTS	7/25/15	9	8	7	9	70	19	4	33	28	0.6	1
DOUGLAS INGRAM RIDGE		7	6	6	7	70	25	4	39	30	2.1	2
DRY CREEK		10	9	8	11	70	12	4	27	26	-1.0	1
KITTITAS YAKIMA MTS	7/25/15	12	10	9	13	80	6	4	18	20	-2.1	1
PEOH POINT LO		15	12	10	15	80	2	3	11	14	-3.3	1
SEdge RIDGE		11	8	8	12	80	7	5	20	25	-1.6	1
SWAUK		10	10	8	11	80	8	3	22	22	-1.3	1
CHELAN OKANOGAN VLYS	7/25/15	6	7	7	39	60	24	2	39	23	1.8	1
CAMP 4		7	7	7	54	60	15	1	36	18	0.4	1
NCSB		5	7	8	57	60	30	2	39	23	2.4	2
ENTIAT V		6	6	6	6	60	26	3	42	27	2.7	2
KITTITAS YAKIMA VLYS	7/25/15	8	8	7	30	66	23	7	29	34	-1.3	1
SADDLE MOUNTAIN		6	6	6	48	58	39	11	35	47	-	1
SWAUK		10	10	8	11	74	7	3	22	20	-1.3	1

Table 4: NFDRS FORECAST

FDRA	F-DATE	10-HR	100-HR	1000-HR	IC	SC	EC	BI
OKANOGAN MTS EAST	7/26/15	21	12	10	7	1	19	13
OKANOGAN MTS WEST	7/26/15	12	9	8	19	3	32	23
CHELAN MTS	7/26/15	8	9	8	22	3	34	26
KITTITAS YAKIMA MTS	7/26/15	10	11	9	15	5	25	27
CHELAN OKANOGAN VLYS	7/26/15	12	8	7	21	2	34	20
KITTITAS YAKIMA VLYS	7/26/15	8	9	7	31	7	32	35

Table 5: WAOWF FOREST PREPAREDNESS MOST RECENT OBSERVED STAFFING LEVEL







FDRA	# STATIONS	OBS DATE	OBS ERC	STAFFING LEVEL	
OKANOGAN MOUNTAINS EAST	2	 7/25/15	32	4	VERY HIGH
OKANOGAN MOUNTAINS WEST	2	 7/25/15	37	4	VERY HIGH
CHELAN MOUNTAINS	2	 7/25/15	33	3	HIGH
KITTITAS YAKIMA MOUNTAINS	3	 7/25/15	18	2	MODERATE
CHELAN OKANOGAN VALLEYS	3	 7/25/15	39	4	VERY HIGH
KITTITAS YAKIMA VALLEYS	2	 7/25/15	29	3	HIGH
RESPONSE AREA AVERAGE				3	

Table 6: WAOWF FOREST PREPAREDNESS MOST RECENT FORECAST STAFFING LEVEL







FDRA	# STATIONS	FORECAST DATE	FORECAST ERC	STAFFING LEVEL	
OKANOGAN MOUNTAINS EAST	2	 7/26/15	19	2	MODERATE
OKANOGAN MOUNTAINS WEST	2	 7/26/15	32	3	HIGH
CHELAN MOUNTAINS	2	 7/26/15	34	4	VERY HIGH
KITTITAS YAKIMA MOUNTAINS	3	 7/26/15	25	3	HIGH
CHELAN OKANOGAN VALLEYS	2	 7/26/15	34	4	VERY HIGH
KITTITAS YAKIMA VALLEYS	2	 7/26/15	32	3	HIGH
RESPONSE AREA AVERAGE				3	

Table 7: WAOWF FOREST PREPAREDNESS WORKSHEET

STAFFING LEVEL MEDIAN	1		2		3		4		5	
(1) ✓ →										
NWCC 7 DAY SIGNIFICANT FIRE POTENTIAL*	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
(2) ✓ →										
RESOURCES COMMITTED**	↓	No		No	Yes	No	Yes	No	Yes	↓
(3) ✓ →										
OWF PREPAREDNESS LEVEL	I		II		III		IV		V	
*NWCC 7 DAY SIGNIFICANT FIRE POTENTIAL OUTLOOK	A FEN of Elevated or High in the 7 Day Outlook in either PSA NW05 or NW08 will trigger a Yes; http://www.nwccweb.us/predict/outlook.aspx									
**RESOURCES COMMITTED	Majority of IA resources and numerous overhead off the forest									